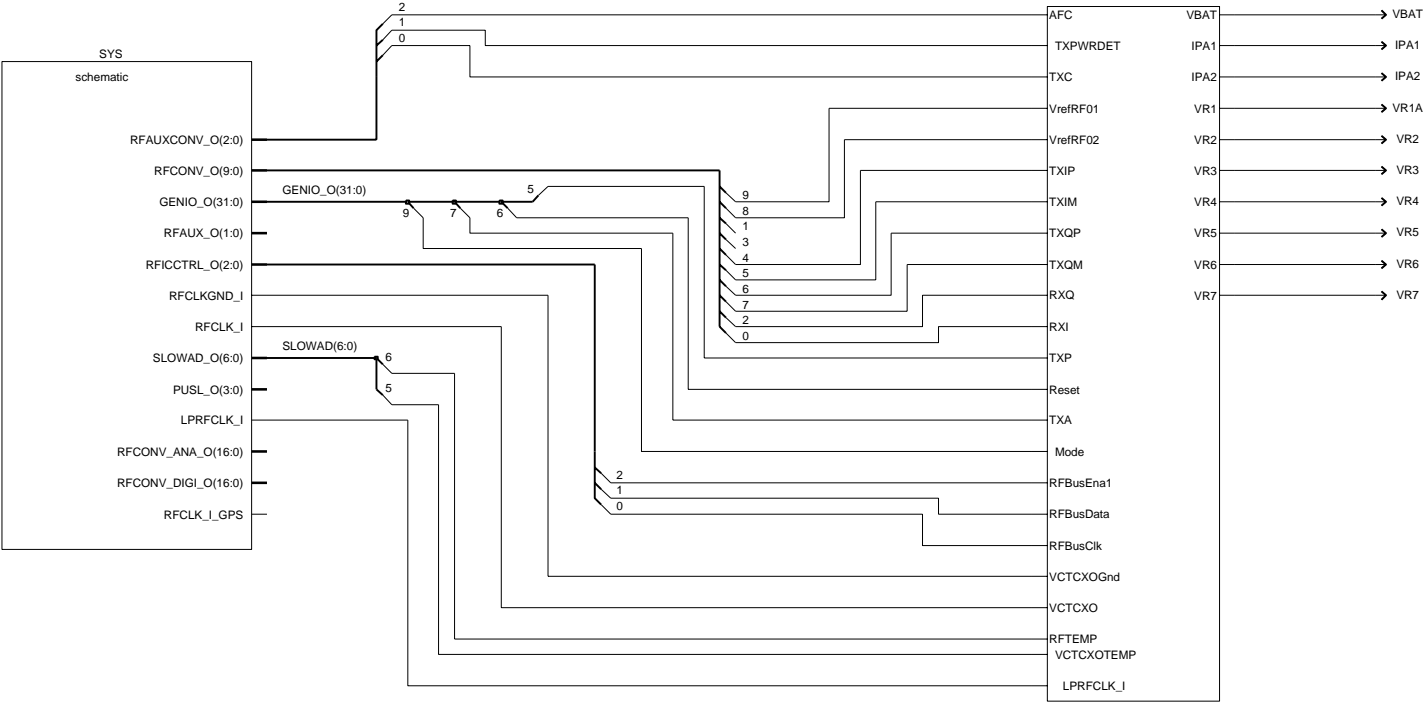
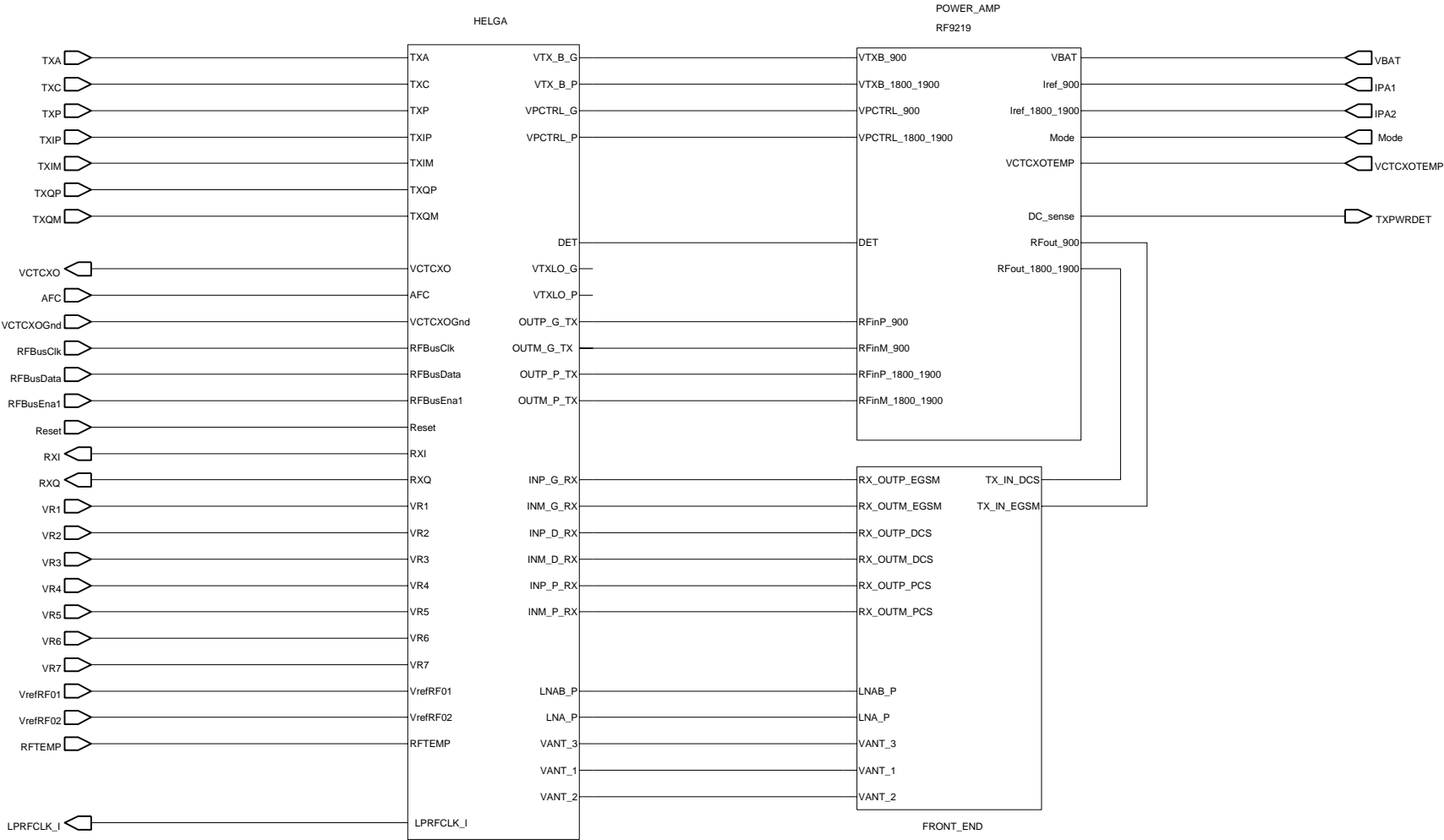


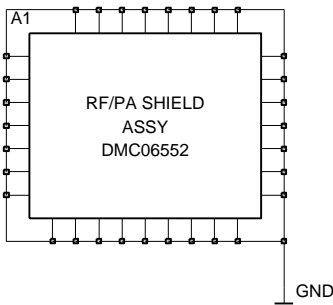
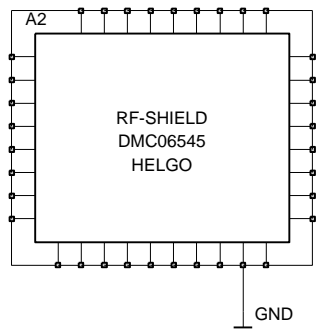
Top level



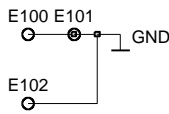
RF top level



RF shields and vias

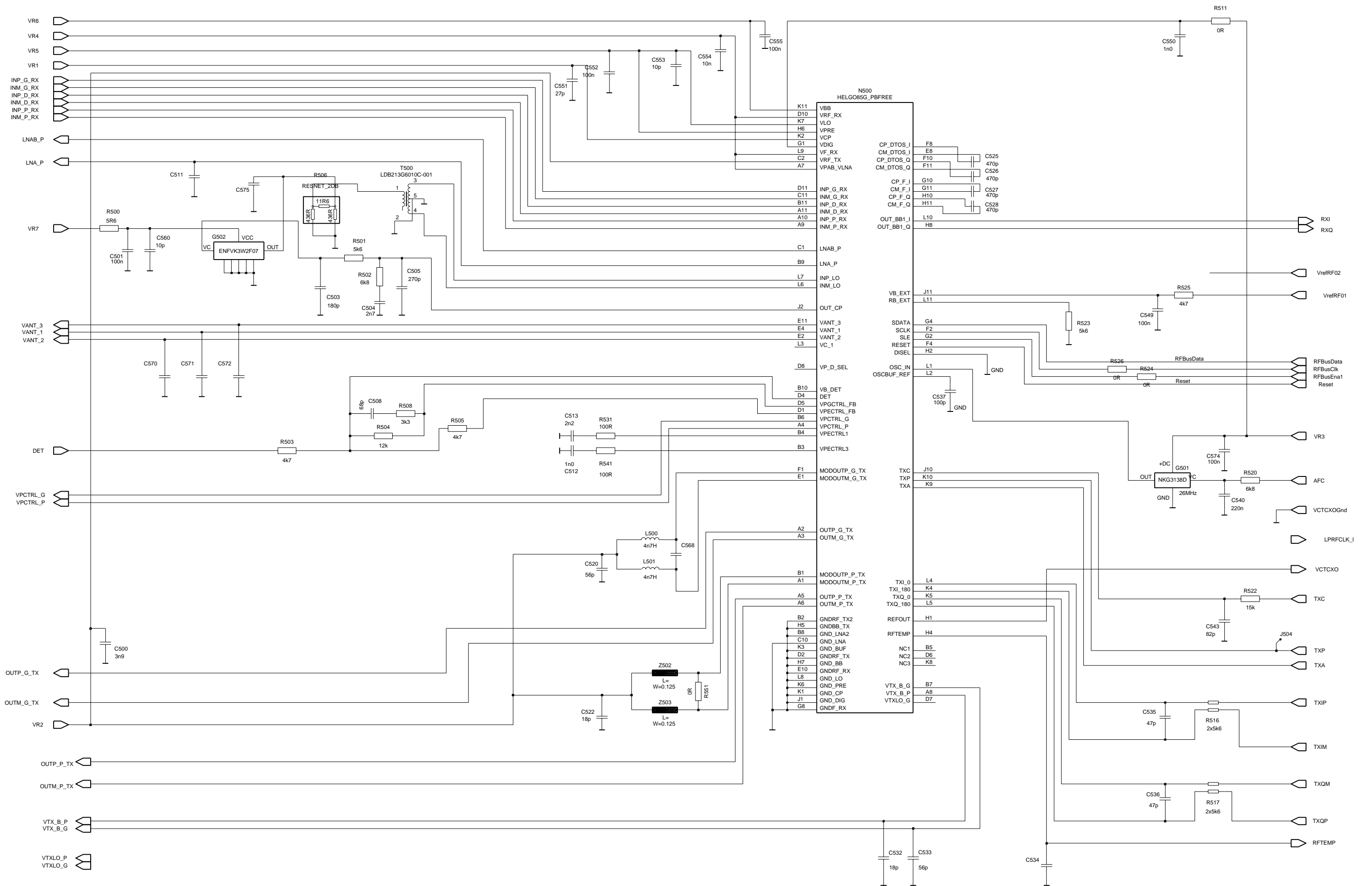


BB GLOBAL GND HOLES

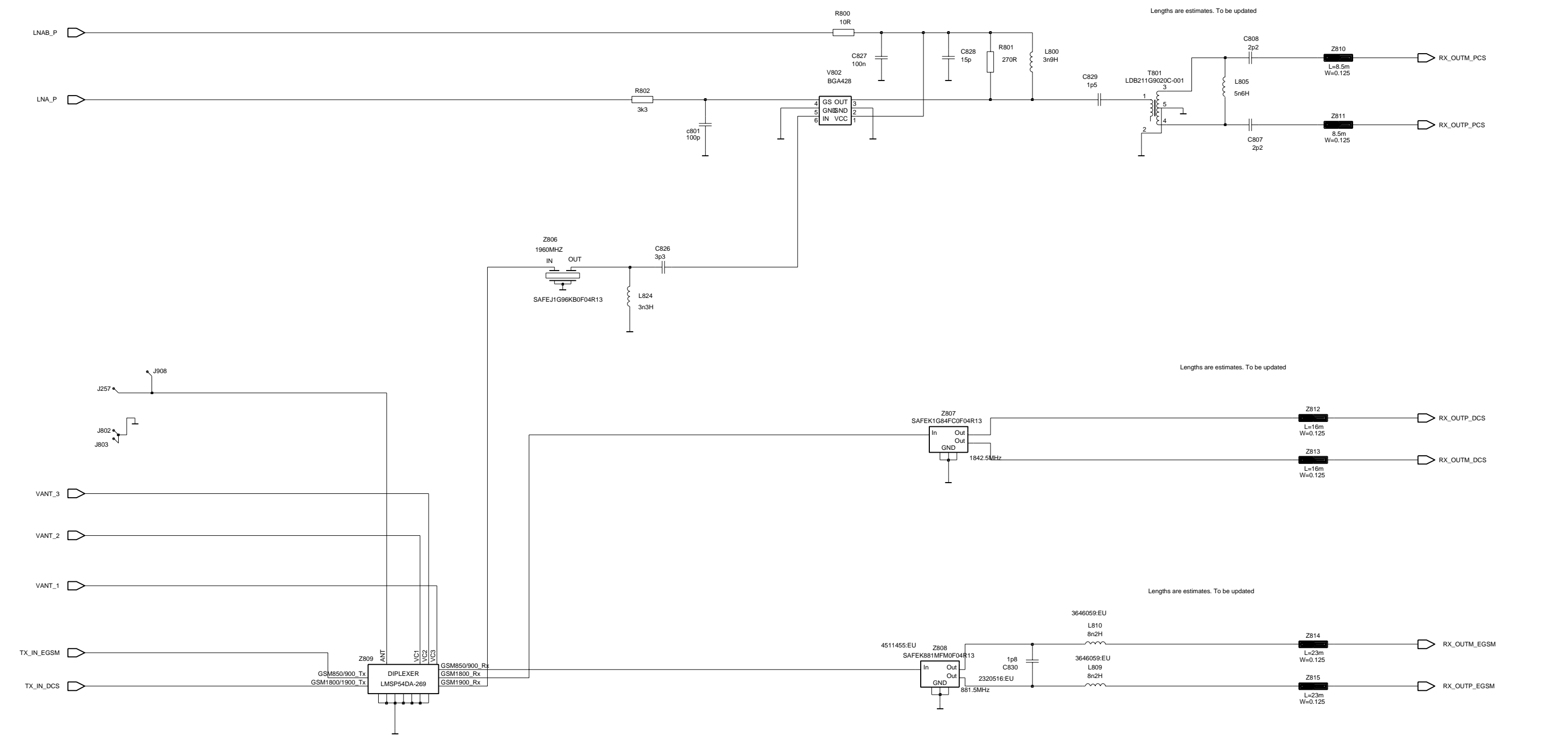


RF GLOBAL GND HOLES

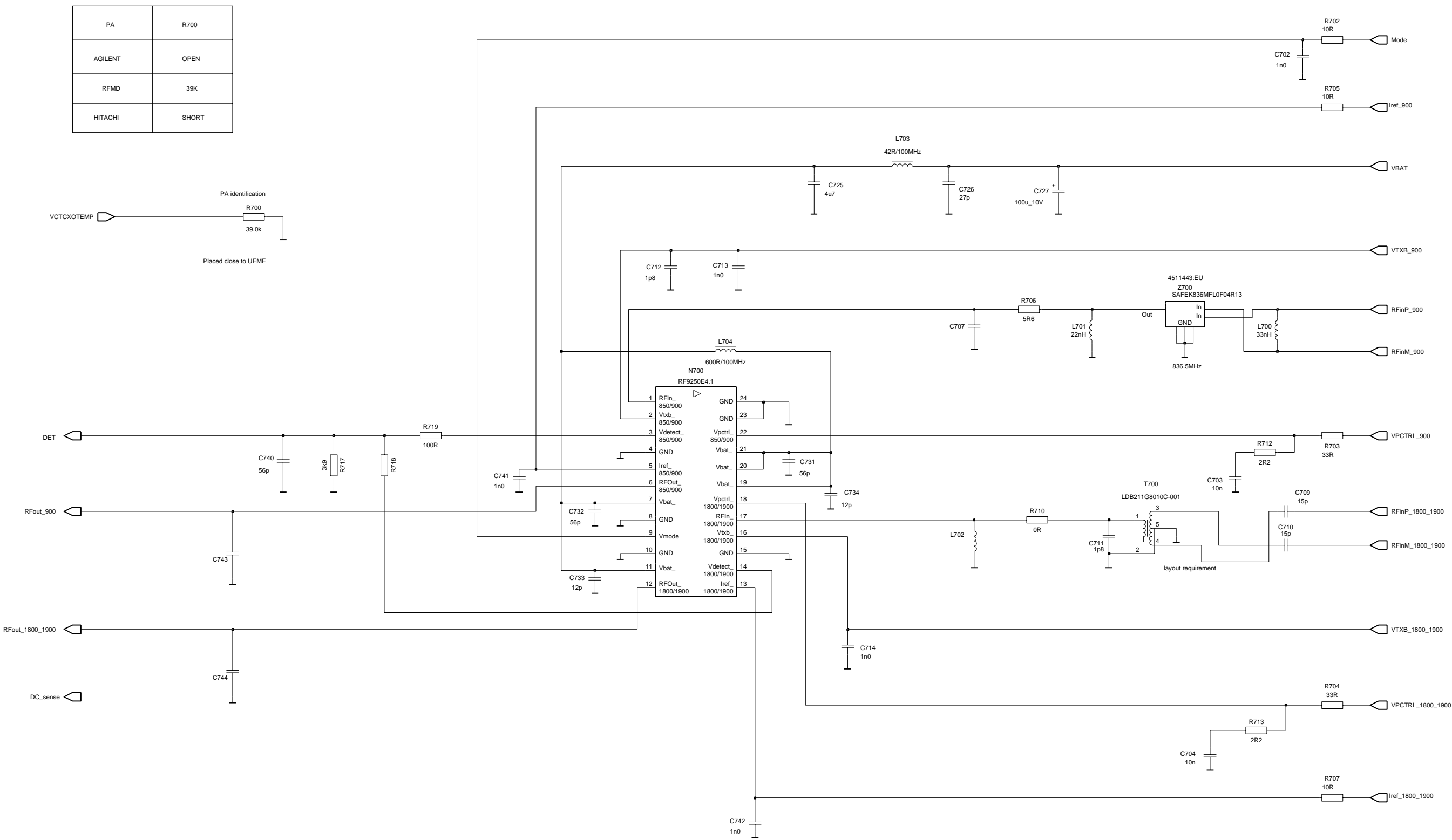
Helgo



RX front and antenna switch



Power amplifier and power detection

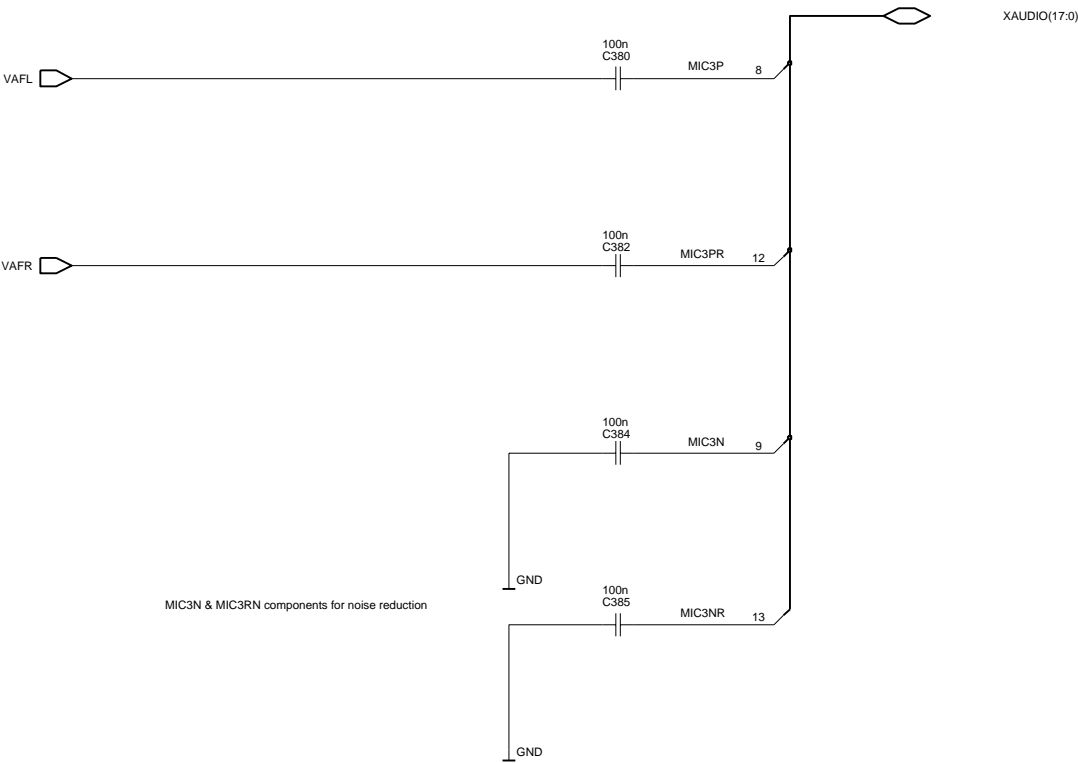






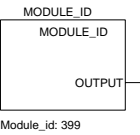
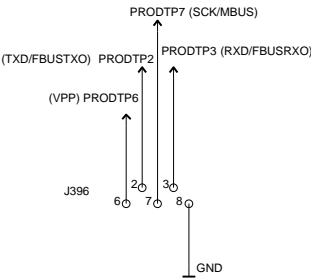


Differential stereo



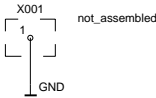
5 pin production test pattern

OUT

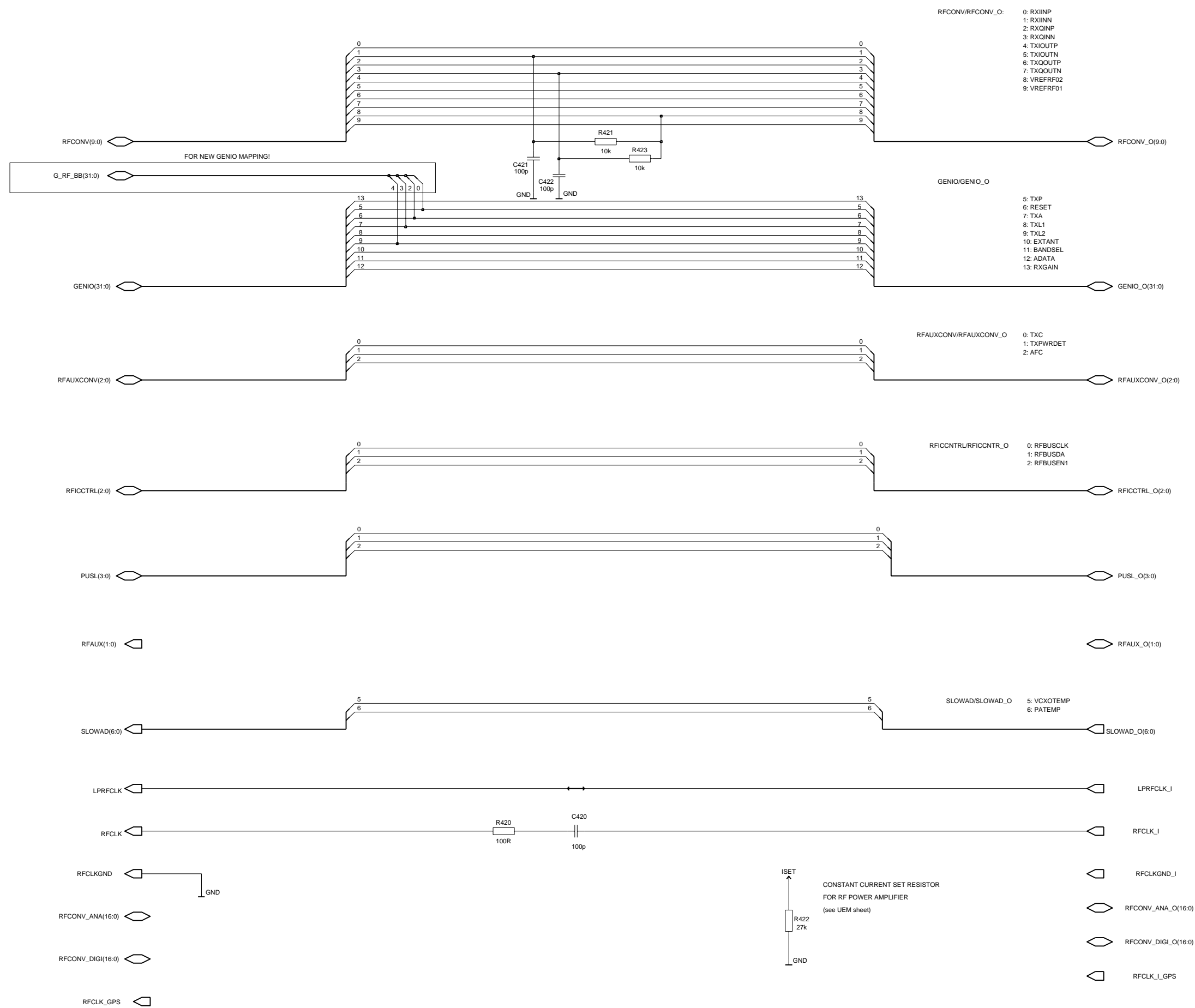


Module ID

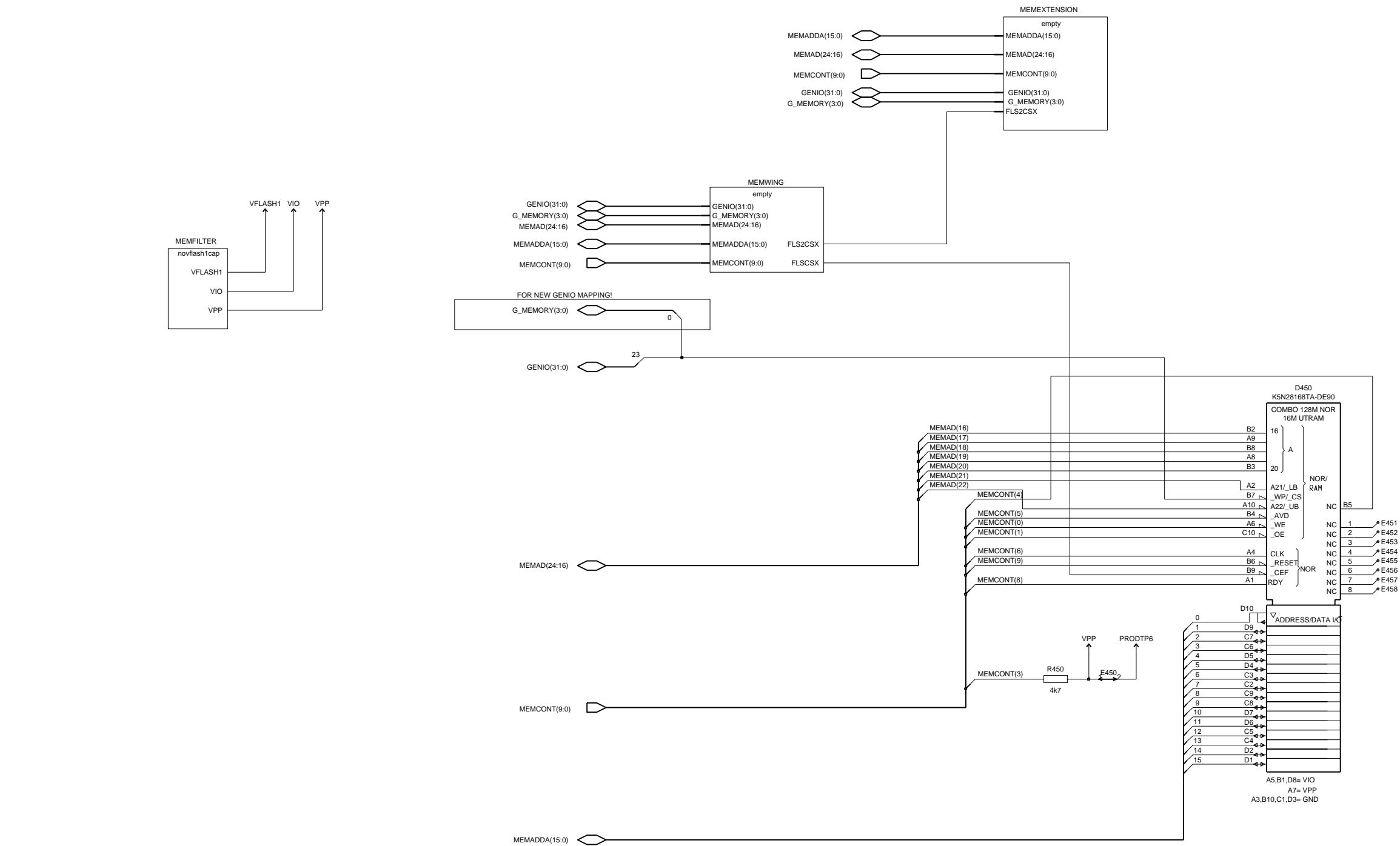
OUTPUT ➤



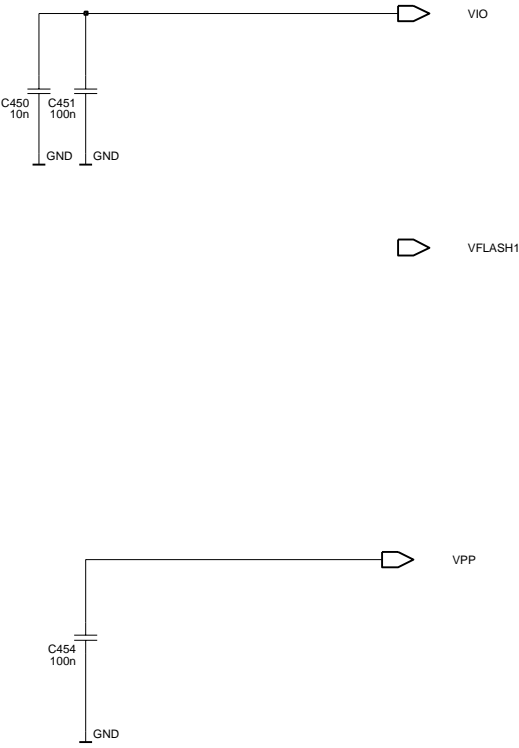
GSM RF-baseband interface



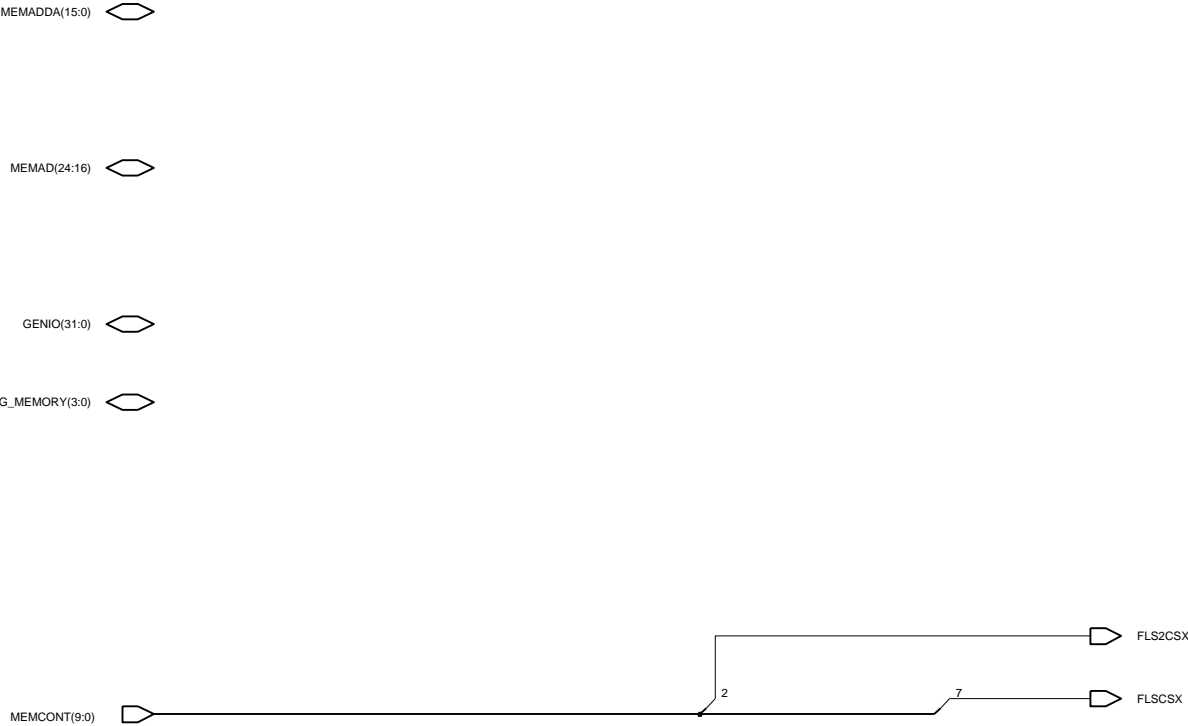
Combo memory 128+16 Mbt pb free

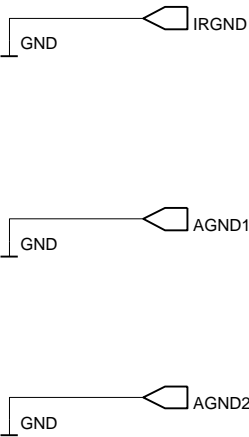


Discrete capacitors



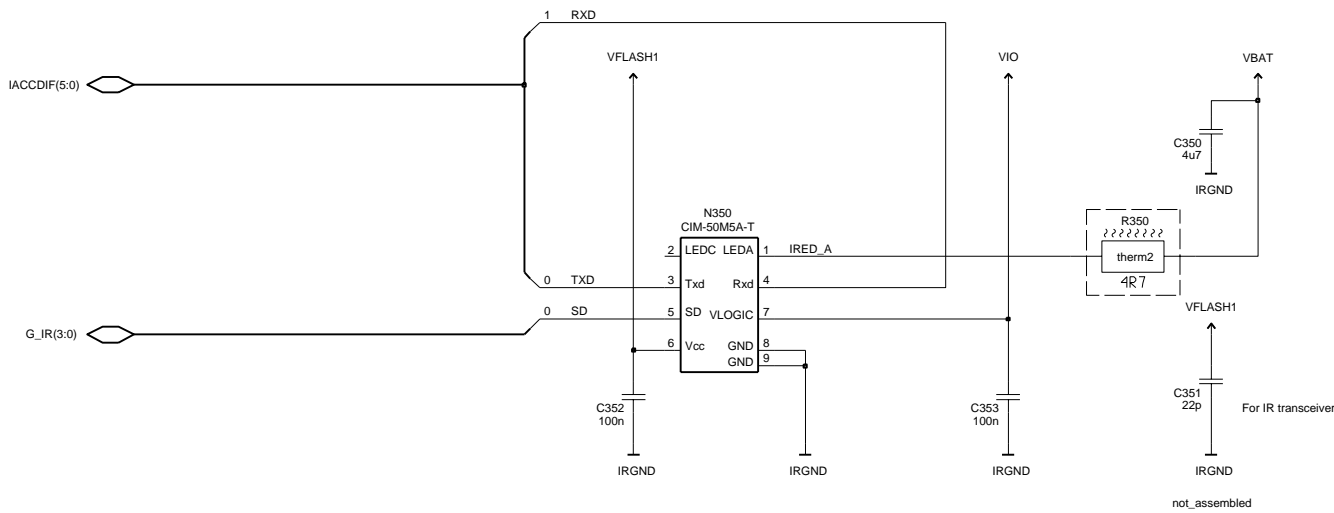
Empty wing sheets







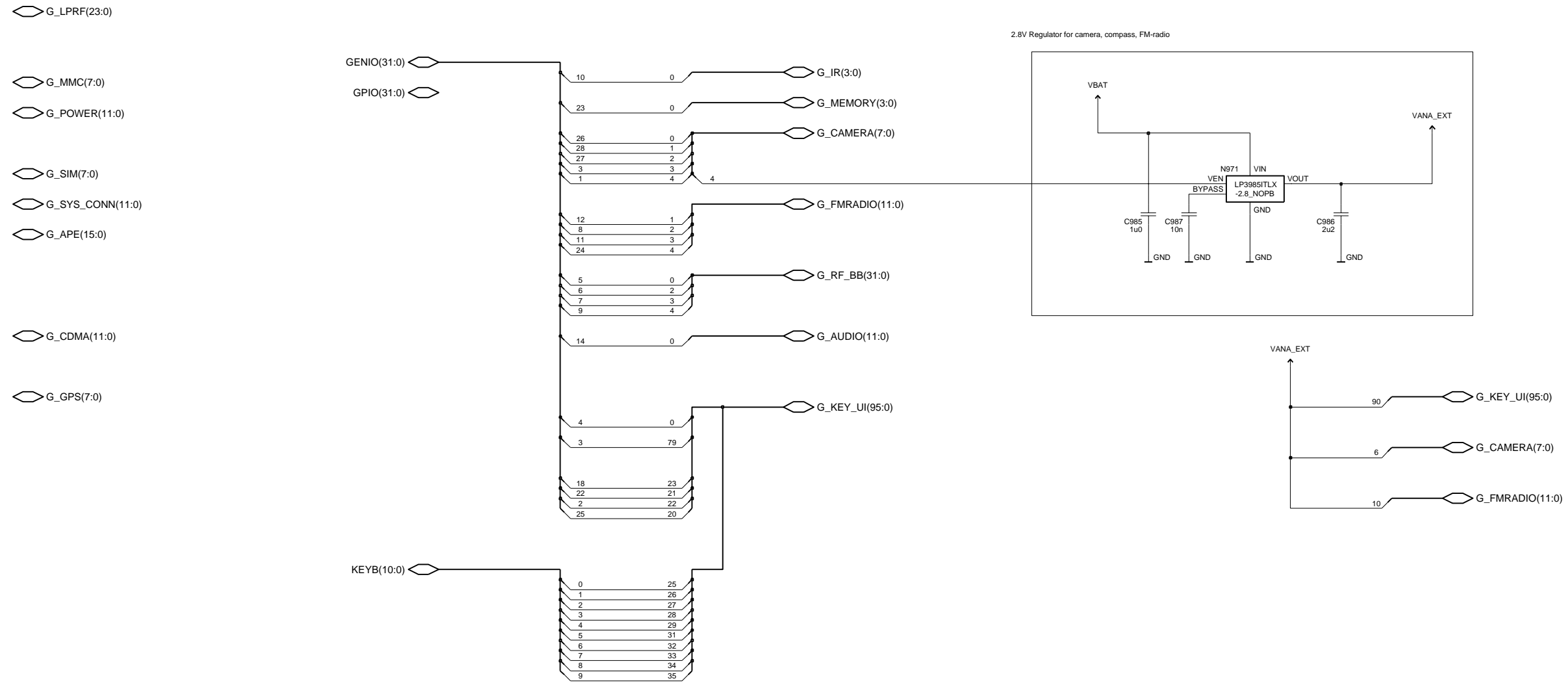
IR Module 1.8V



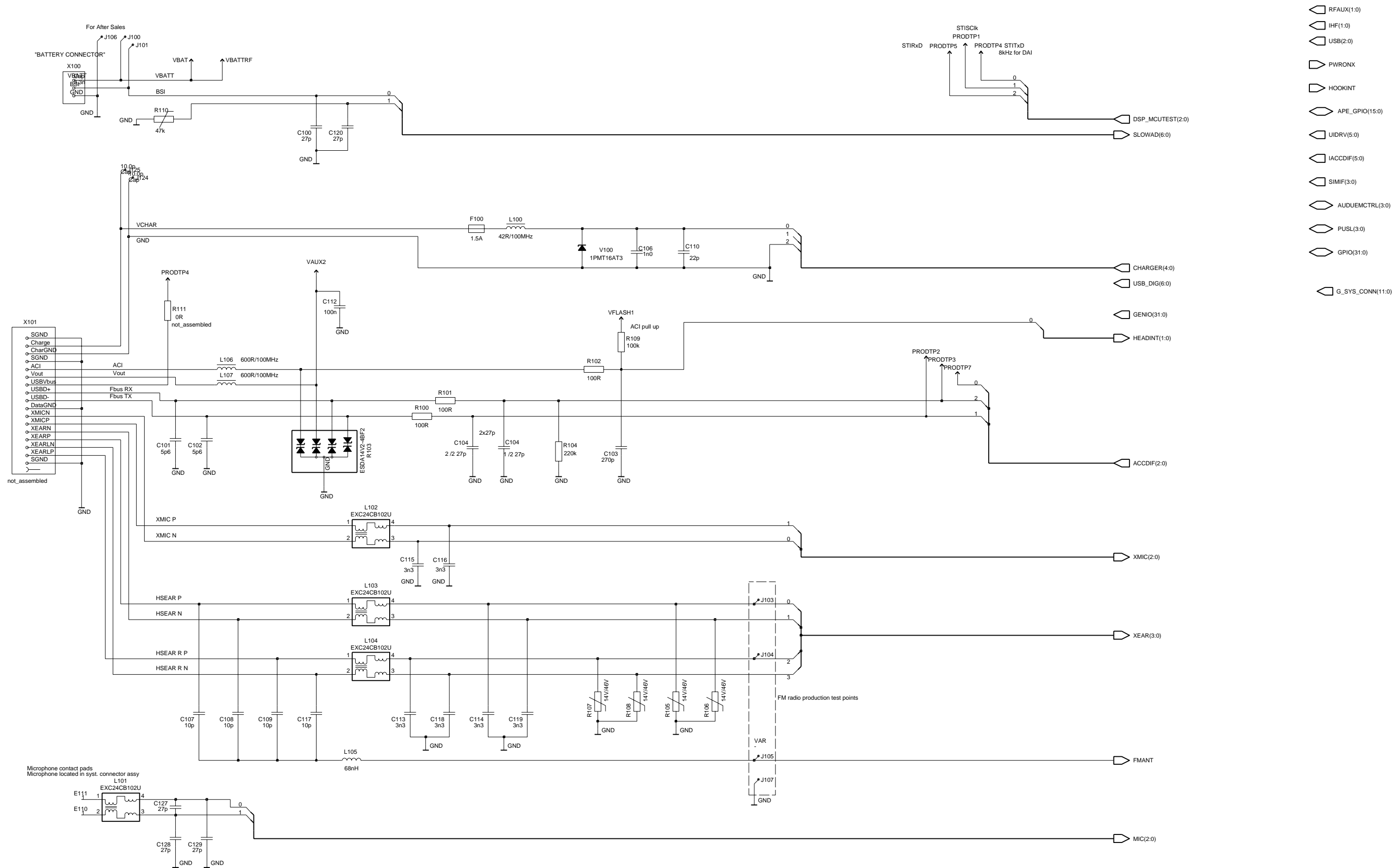
Used referenses

- C 350 - 353
- N 350
- R 350

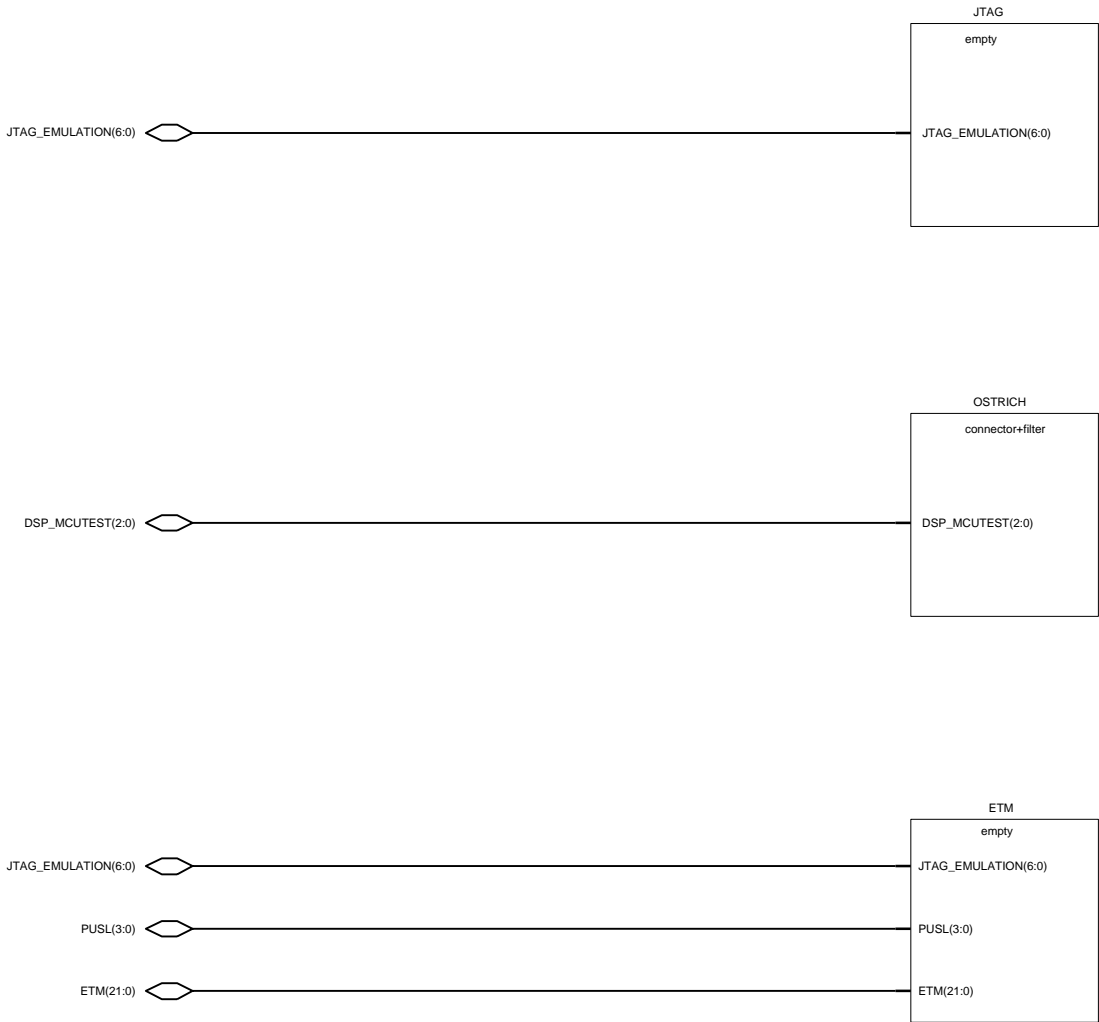
G-map



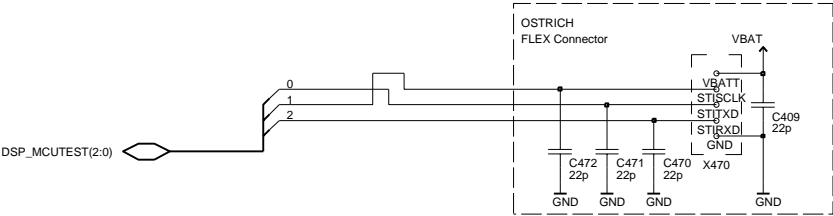
System connector



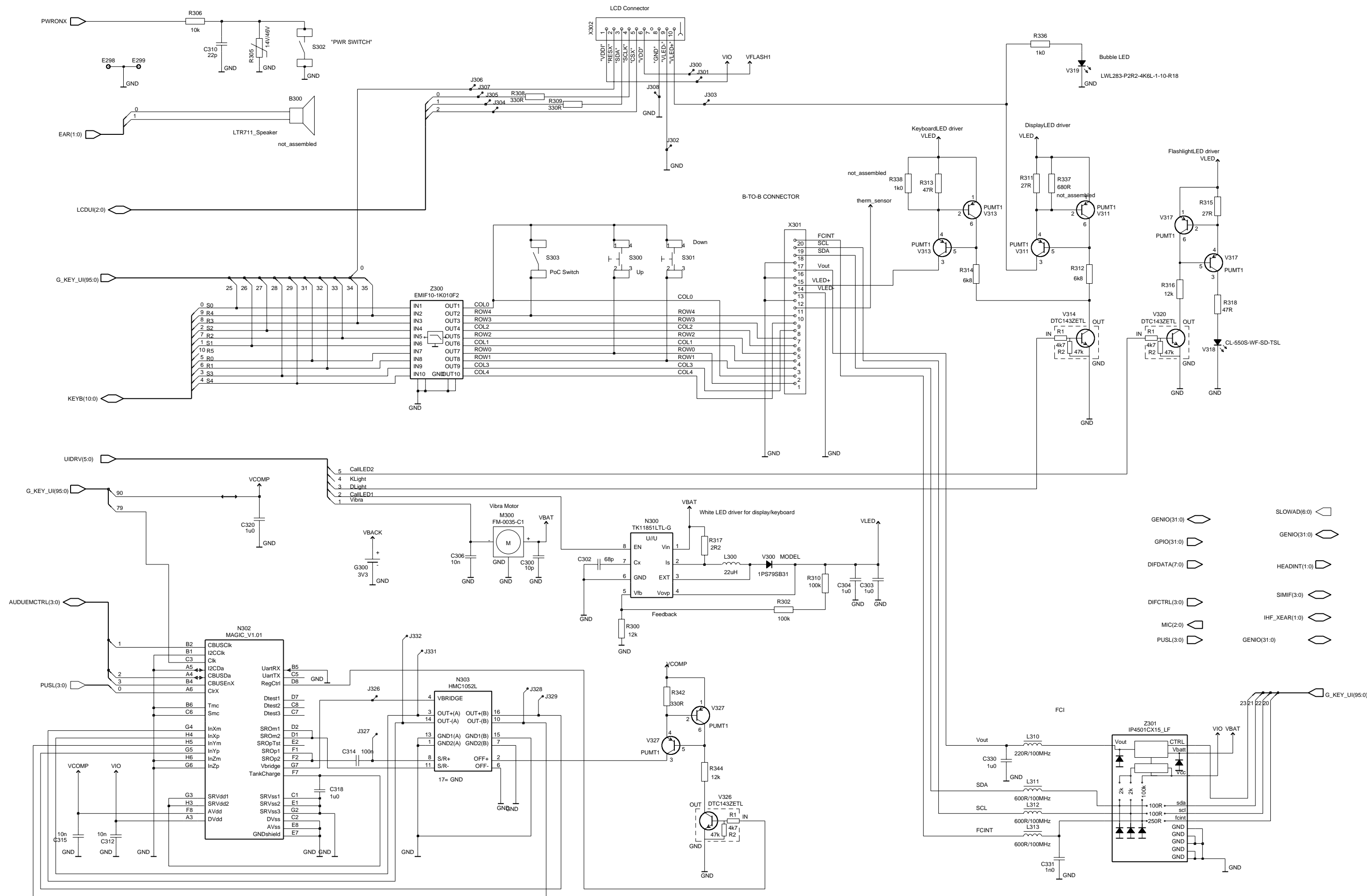
Test and emulator interface



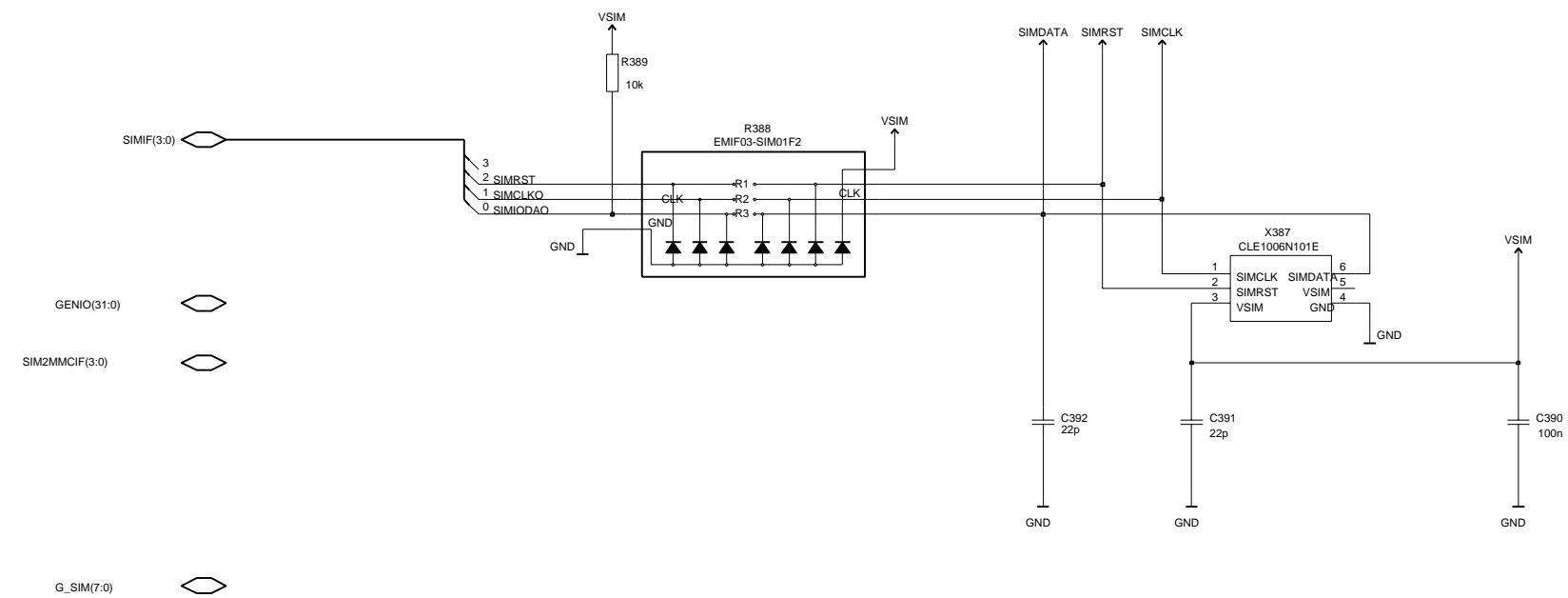
Connector based Ostrich test interface



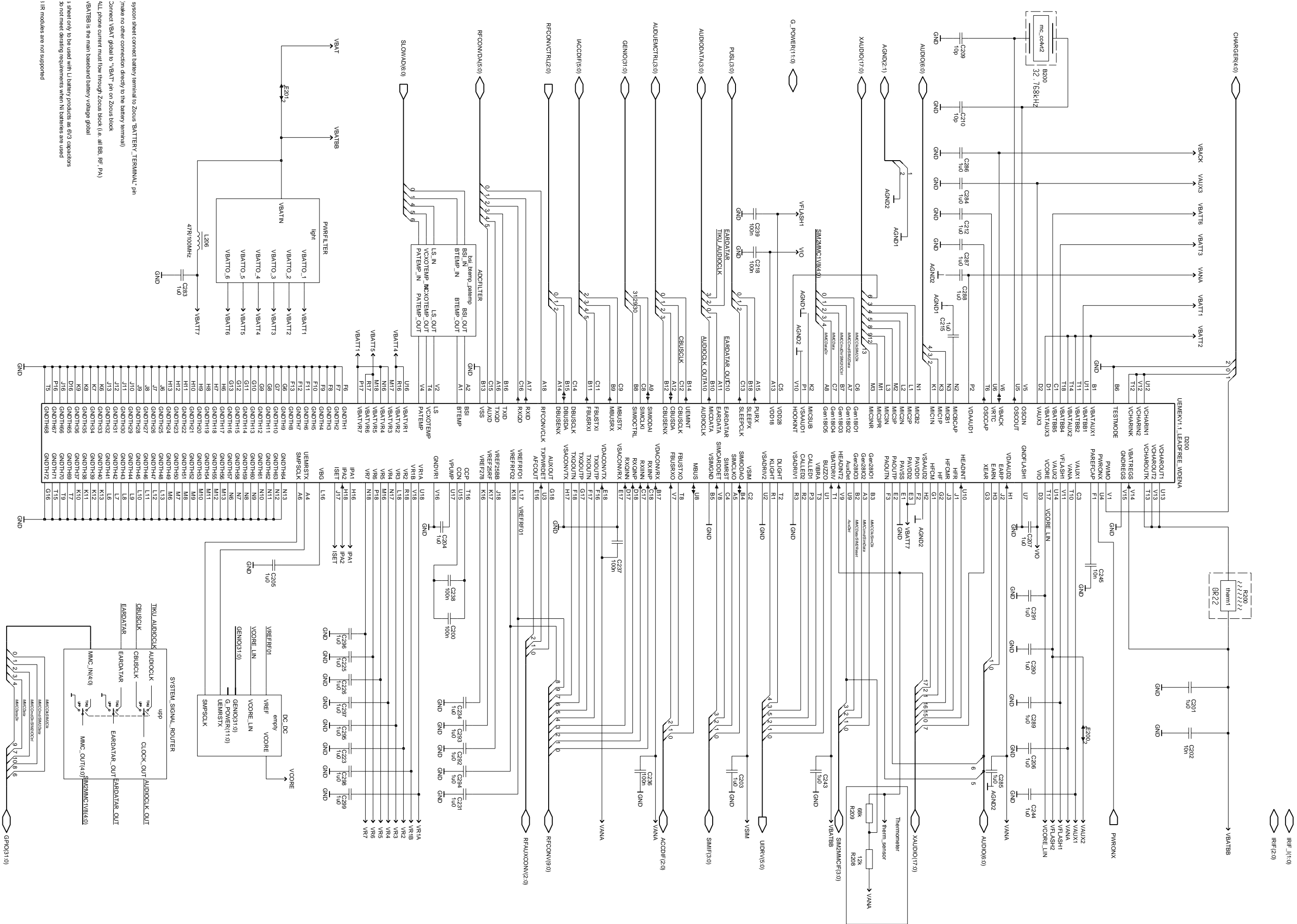
Key UI



## Page A-23

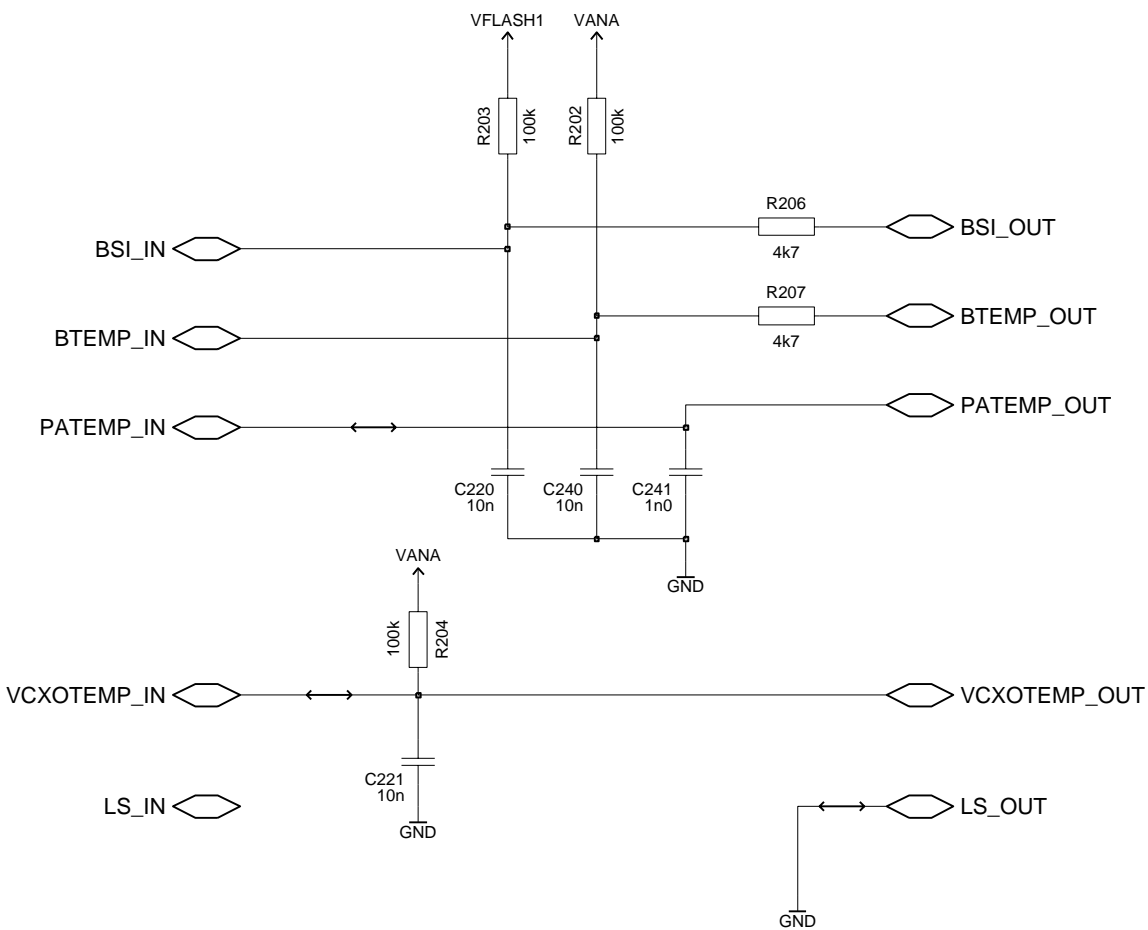


UEME power management



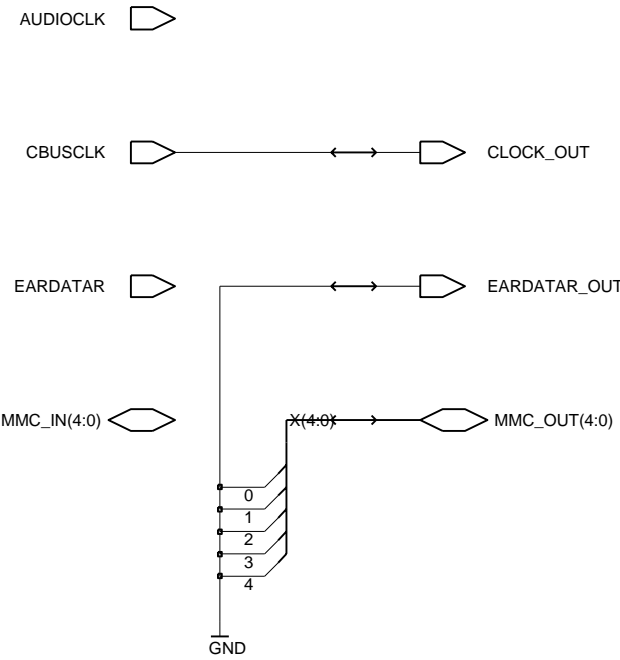


UEME ADC filter block

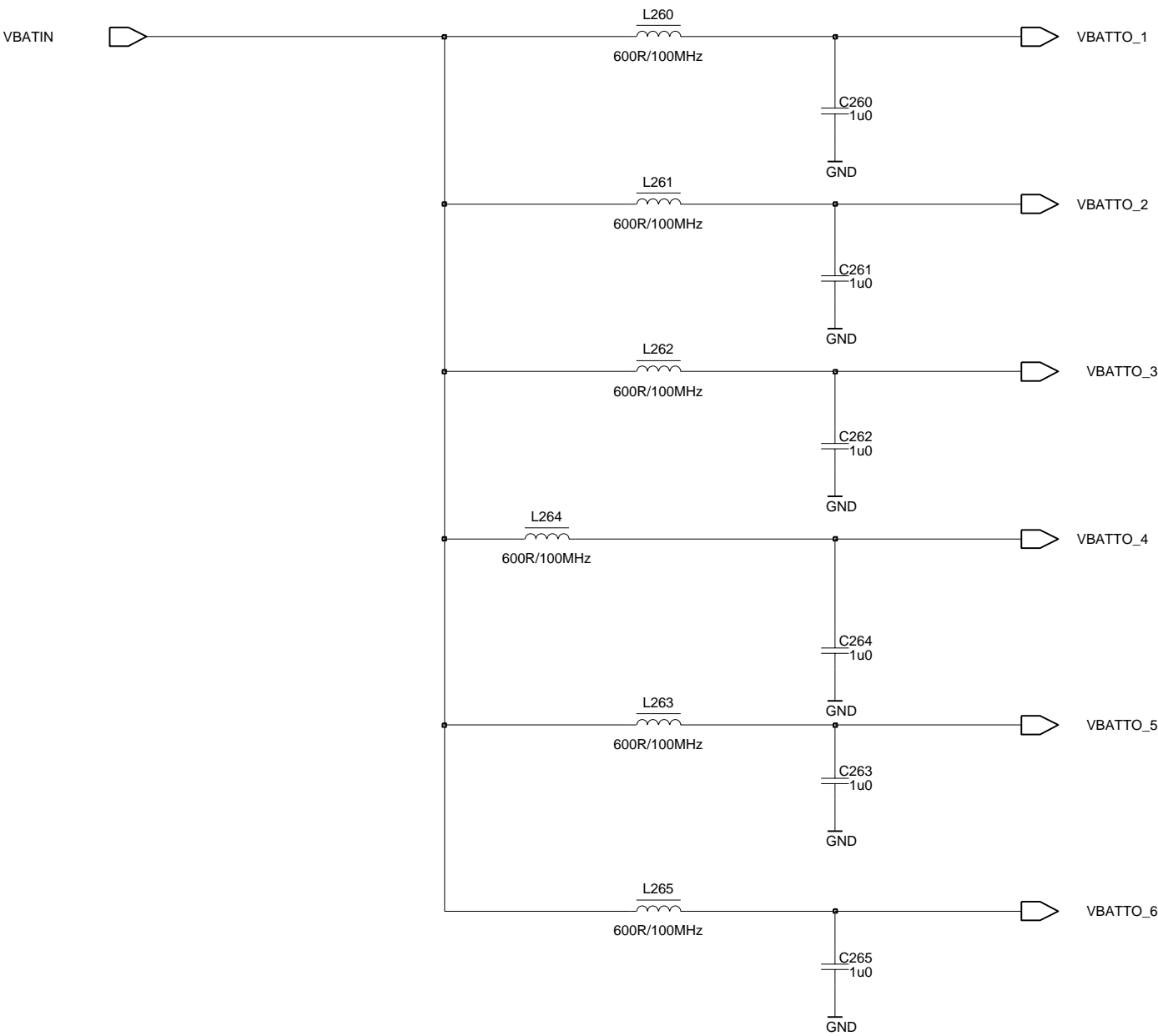


NOTE: Helga RF drives PATEMP directly  
so PATEMP does not need a pullup

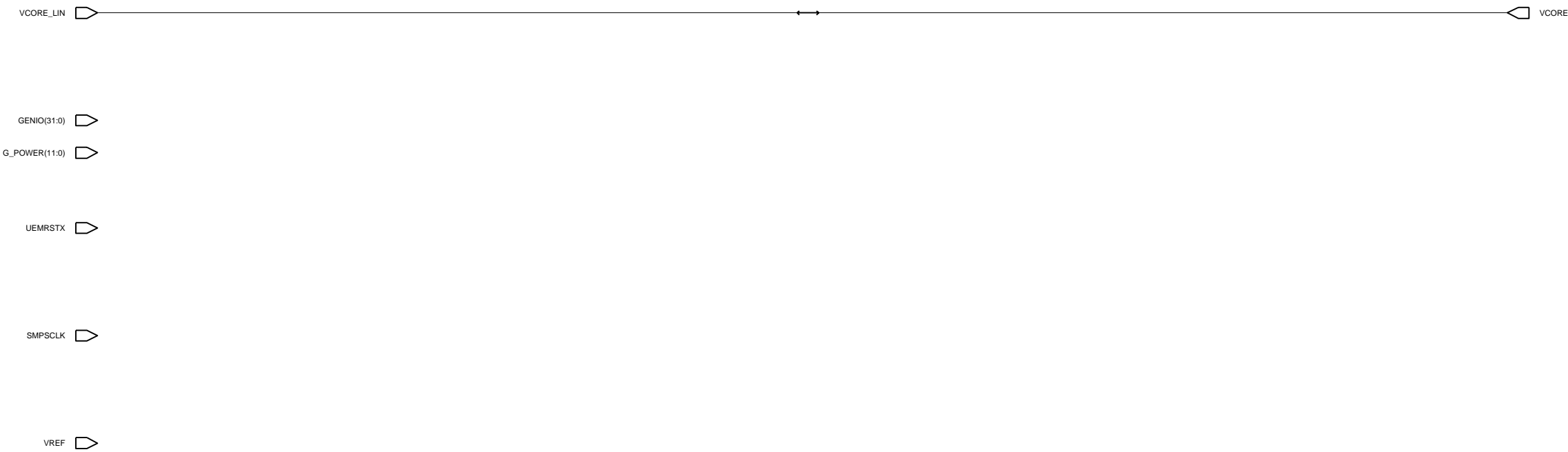
Digital ASIC-dependant Signal routing UPP systems



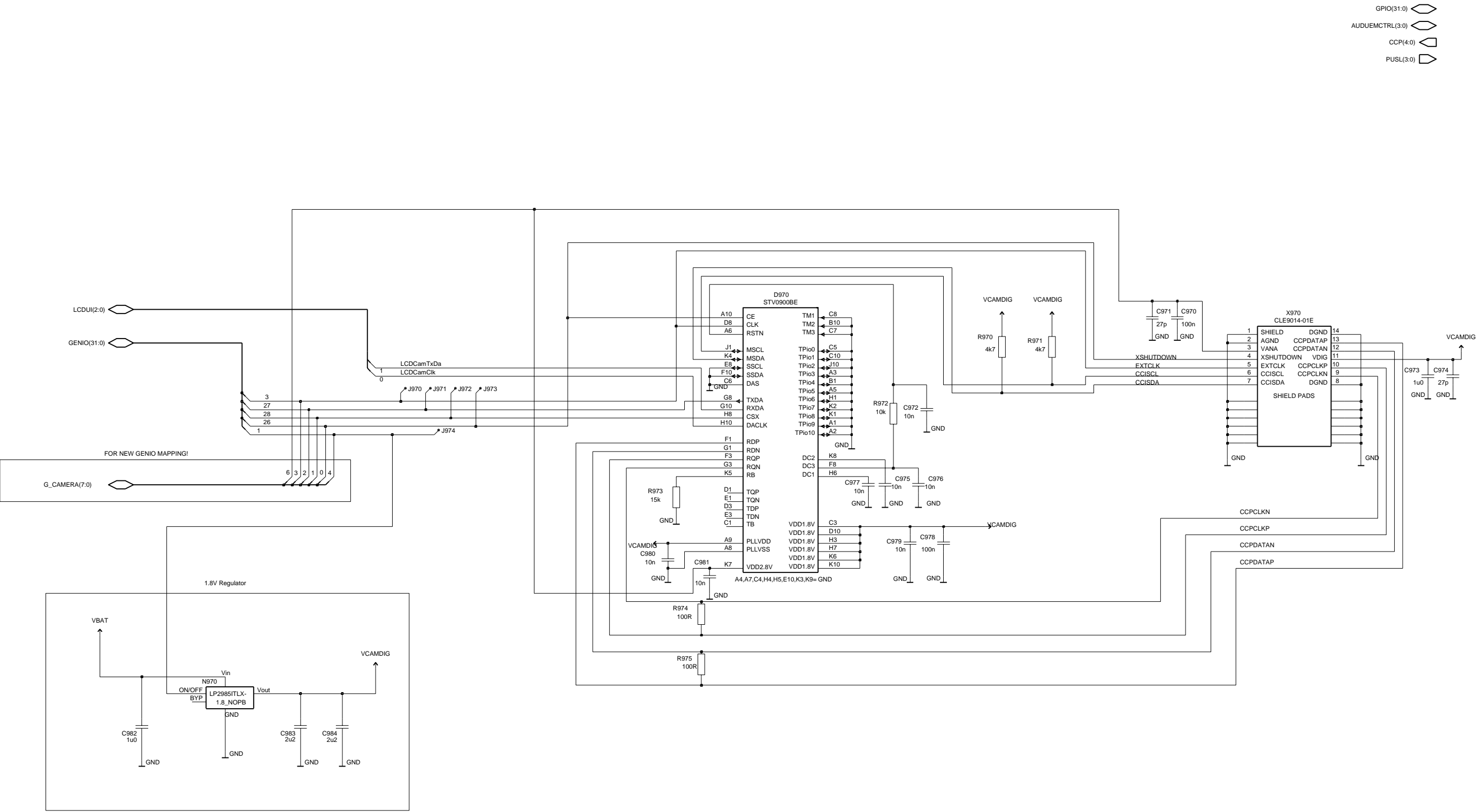
Light filtering



**DC/DC converter**

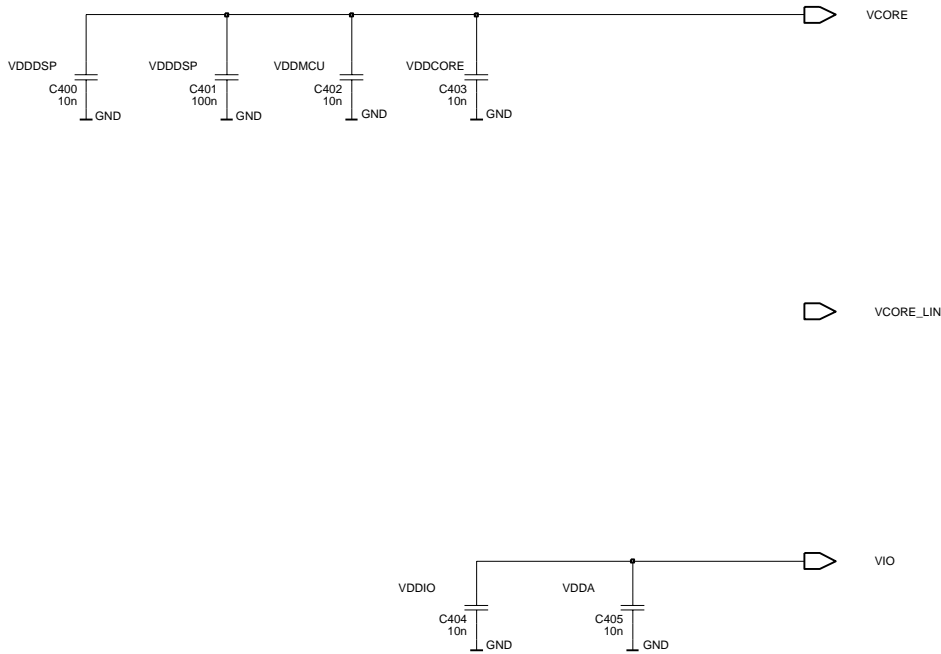


Camera

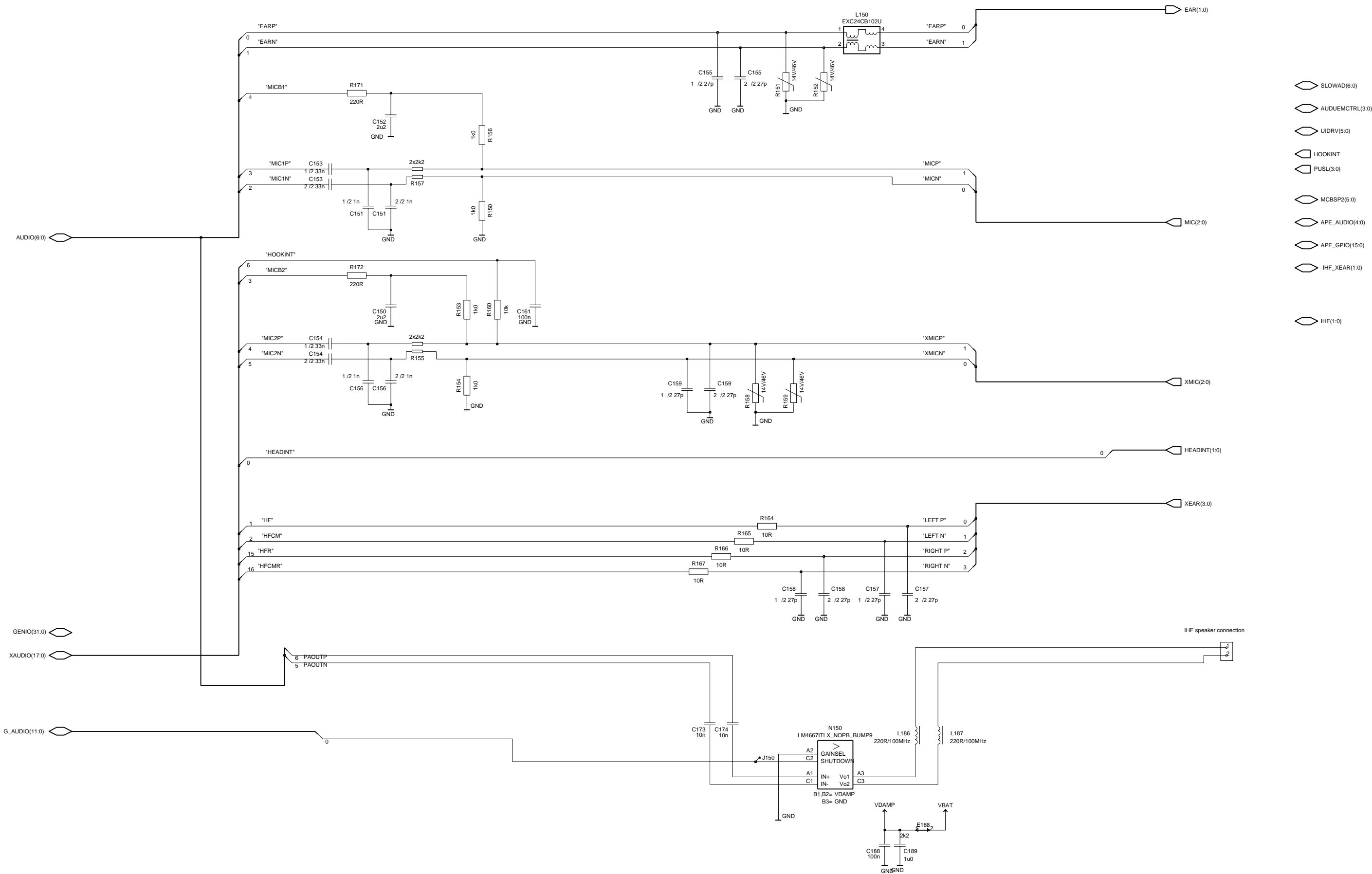




Discrete decoupling capacitors for UPP

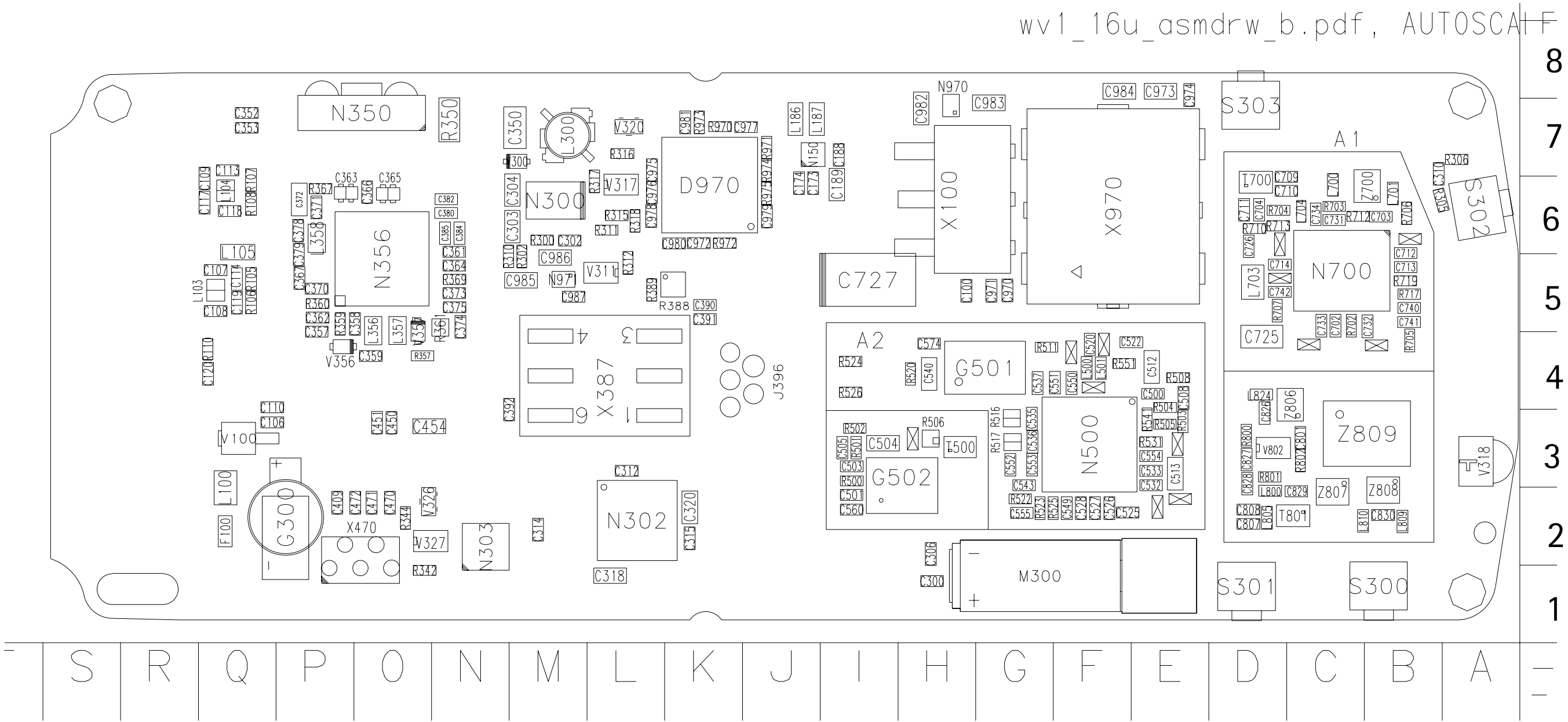


Audio

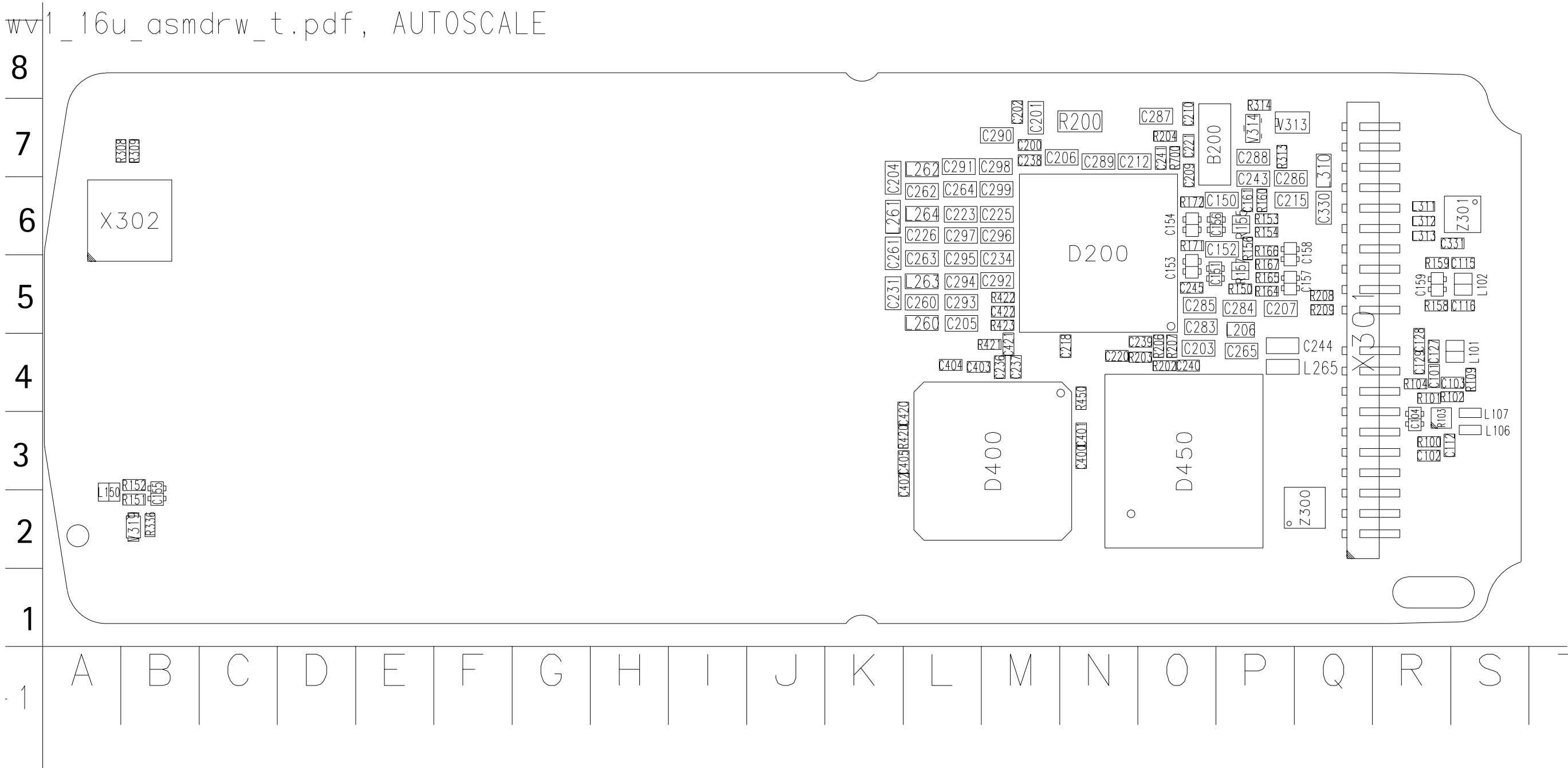




NPL-4, component layout, bottom

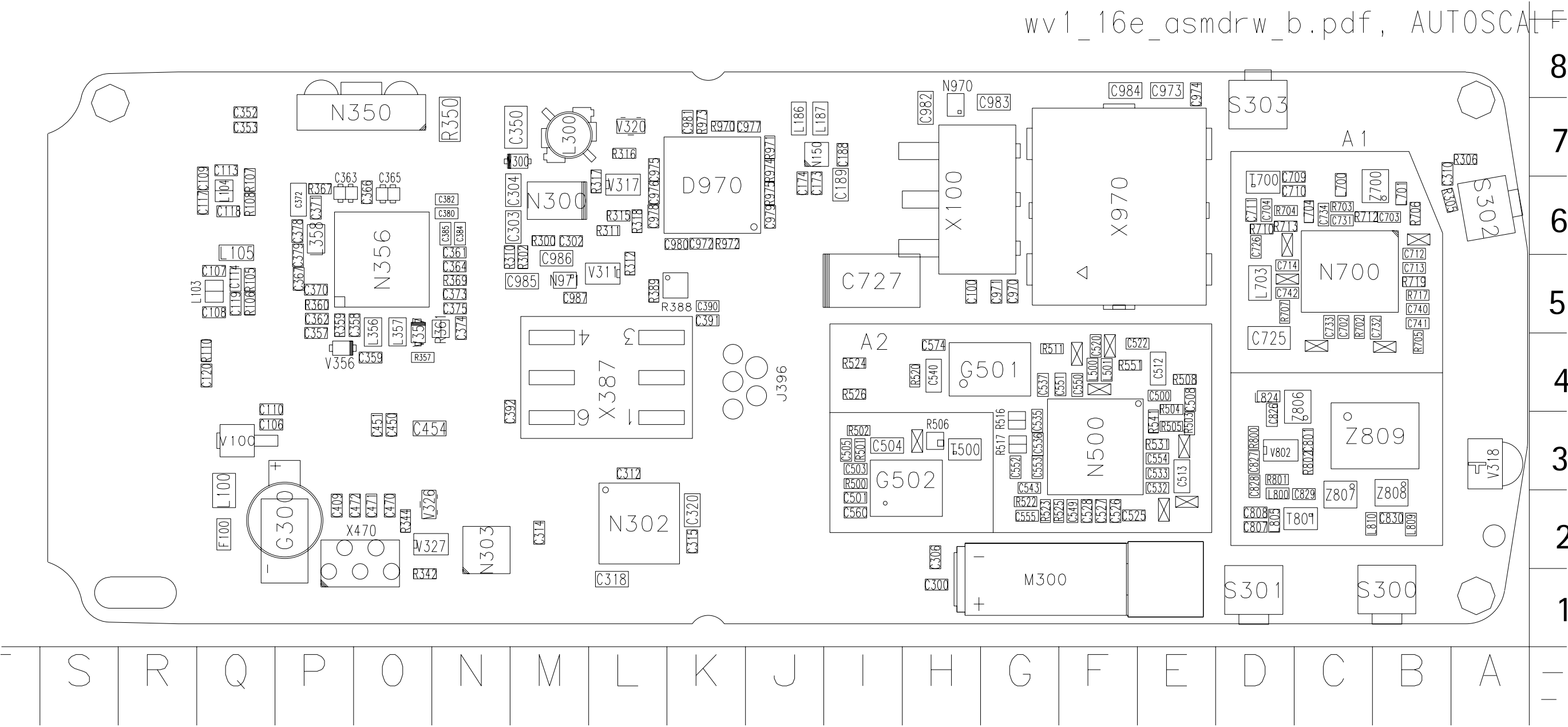


NPL-4, component layout, top



NPL-5, component layout, bottom

wv1\_16e\_asmdrw\_b.pdf, AUTOSCAT



NPL-5, component layout, top

